

Product Details

Brand	SOFTFLOW®	SOFTFLOW®	SOFTFLOW®	SOFTFLOW®
Model	F1	F2	F3	F4
Dimensions	72 * 72 * 378 mm)	Parallel Connections	Parallel Connections	Parallel Connections
Fitting Type	BSPT	BSPT	BSPT	BSPT
Inlet Outlet Size	1" FT	1" FT	1" FT	1" FT
Flow Rate (metric)	80 LPM	160 LPM	240 LPM	320 LPM
Housing Material	ABS (Food Grade)	ABS (Food Grade)	ABS (Food Grade)	ABS (Food Grade)
Replacement type	Complete Device Replacement	Complete Device Replacement	Complete Device Replacement	Complete Device Replacement
Segment	Domestic	Commercial	Industrial	Industrial
Maximum Operating Temperature	45 °C	45 °C	45 °C	45 °C
Temperature Range	6 °C-45 °C	6 °C-45 °C	6 °C-45 °C	6 °C-45 °C
Pressure	88psi Max	88psi Max	88psi Max	88psi Max
Application	Scale & Corrosion	Scale & Corrosion	Scale & Corrosion	Scale & Corrosion
Replacement Interval*	480000 ltrs*	960000 ltrs*	1440000 ltrs*	1920000 ltrs*
Micron Rating	2500µm	2500µm	2500µm	2500µm

SOFTFLOW® – Ensuring Softness in Every Drop

Reinventing Industrial Water Management

Industrial processes demand scale-free water to maintain efficiency, equipment life, and energy performance. Hard-water scaling reduces output and increases operational cost.

SOFTFLOW®F1 provides a no-maintenance, sustainable ensuring enhanced process reliability across industrial systems.



SOFTFLOW®F1 helps industries increase productivity, protect assets & reduce operating expenses naturally and efficiently.



Why Industries Choose SOFTFLOW®

Pre-RO (feed water) Treatment | Small Cooling Towers | Boilers | Industrial Air Coolers



Proven Scale Prevention

Advanced sequestration stops hardness minerals from forming limescale in pipes, heat exchangers, RO membranes & equipment.



Eco-Friendly & Sustainable

Reduces chemical usage, lowers discharge load & operating cost.



Zero Maintenance | Zero Salt | Zero Electricity

No regeneration, no salt handling, no downtime continuous operation.



Higher Energy Efficiency

Even 1 mm scale can raise energy use by 10–15%, SOFTFLOW®F1 prevents it.



Longer RO Membrane Life

Lower scaling load = fewer CIP cycles, longer membrane life & better recovery.

SOFTFLOW® F1 Works Best with Industries using high water volume, such as:



Food & Beverage



Pharmaceutical



Textile & Dyeing



Manufacturing



Hospitality



Automotive



Warehousing



Industrial Kitchens

Industrial Applications of SOFTFLOW®F1



1. Pre-RO Treatment

- Reduced scaling & membrane fouling
- Longer membrane life | Fewer CIP
- Higher recovery, lower reject cycles
- Removes existing scale formations



2. Cooling Towers

- Less scaling in fills, nozzles & lines
- Reduced blowdown & chemical dosing
- Better heat exchange → lower energy use
- Enhanced cooling tower lifespan



3. Industrial Boilers

- Higher heat-transfer efficiency
- Lower fuel & energy consumption
- Less scaling → reduced descaling shutdowns
- Stable steam output



4. Industrial & Commercial Air Coolers

- No white deposits
- Clean pads, pipes & nozzles
- Higher cooling efficiency
- Longer unit life

How SOFTFLOW®F1 Works

Advanced sequestration converts dissolved hardness into a stable, non-adhesive form that flows freely without forming scale.

No salt | No chemical alteration | No power | No backwash

*Compatible with all industrial water systems.